

Form PTO-1449 U.S. Department of Commerce Patent & Trademark Office	Atty. Docket No. 36968.265393 (BS01377)	Serial No. 10/020,779
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Applicant(s): Scott R. Swix William R. Matz	
	Filing Date December 14, 2001	Group 2161

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U.S. PATENT DOCUMENTS

Examiner * Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>gub</i>	5,818,438	10/06/1998	Howe, et al.	345	327	04/25/1995
<i>gub</i>	5,892,508	04/06/1999	Howe, et al.	345	327	02/05/1998

FOREIGN PATENT DOCUMENTS

Examiner * Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Page, Etc.)

Examiner * Initial	Title/Author/Publisher/Year Published/Page(s)

EXAMINER 	DATE CONSIDERED 11/2/05
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PTO/SB/08A (08-03)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3**Complete if Known**

Application Number	10/020,779
Filing Date	12/14/2001
First Named Inventor	SWIX
Art Unit	2161
Examiner Name	Unknown
Attorney Docket Number	BS01377

Examiner Initials*	Cite No. ¹	U. S. PATENT DOCUMENTS			
		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
<i>gub</i>		US- 5,948,061	9/7/1999	Merriman et al.	
<i>gub</i>		US- 5,794,210	8/11/1998	Goldhaber et al.	
<i>gub</i>		US- 5,724,521	3-1998	Dedrick	
<i>gub</i>		US- 5,892,536	4-1999	Logan	
<i>gub</i>		US- 5,800,364	2-1997	Hendricks	
<i>gub</i>		US- 6,282,713	8-2001	Kitsukawa	
<i>gub</i>		US- 6,477,704	11-2002	Cremia	
<i>gub</i>		US- 5,389,964	2-1995	Oberle	
<i>gub</i>		US- 6,002,393	12-1999	Hite	
<i>gub</i>		US- 4,912,552	3-1990	Allison	
<i>gub</i>		US- 6,446,261	9-2002	Rosser	
<i>gub</i>		US- 5,848,398	12-1998	Gerace	
		US- 5,948,061	9-1999	Merriman	<i>Duplicate submission</i>
<i>gub</i>		US- 6,100,916	8-2000	August	
<i>gub</i>		US- 6,314,577	11/6/2001	Pocock	
		US- 5,892,508	4/6/1999	Howe	<i>Duplicate submission</i>
		US- 5,818,438	10/6/1998	Howe	<i>" "</i>
<i>gub</i>		US- 6,076,094	6/13/2000	Cohen	
<i>gub</i>		US- 6,172,674	1/9/2001	Etheridge	

Examiner Initials*	Cite No. ¹	FOREIGN PATENT DOCUMENTS			
		Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
<i>gub</i>		WO 99 52285A	10/14/1999		
<i>gub</i>		WO 99 04561A	1/28/1999		
<i>gub</i>		WO 99 45702A	9/10/1999		
<i>gub</i>		EP 0 424 648A	2/2/1991		
<i>gub</i>		EP 1162840 A2	12-2001	Wilson	

Examiner Signature	<i>gub</i>	Date Considered	11/2/05
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Substitute for form 1449/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/020,779
		Filing Date	12/14/2001
		First Named Inventor	SWIX
		Art Unit	2161
		Examiner Name	Unknown
Sheet 2 of 7	Attorney Docket Number	BS01377	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
91/3		US- 6,252,586	6/26/2001	Freeman	
91/3		US- 5,861,516	8/1997	Carles	
91/3		US- 5,774,170	6-1998	Hite	
91/3		US- 5,758,257	5-1998	Herz	
91/3		US- 5,410,344	4-1995	Graves	
91/3		US- 5,754,393	5-1998	Herz	
91/3		US- 5,838,314	11-1998	Neel	
91/3		US- 6,029,045	1-2001	Alexander	
91/3		US- 6,463,468	10-2002	Buch	
91/3		US- 6,496,818	12-2002	Ponte	
91/3		US- 6,507,839	1-2003	Ponte	
91/3		US- 6,510,417	1-2003	Woods	
91/3		US- 6,631,360	10-2003	Cook	
91/3		US- 4,602,279	7-1986	Freeman	
91/3		US- 5,446,919	8-1995	Wilkins	
91/3		US- 5,585,865	12-1998	Amano	
91/3		US- 5,758,259	6-1998	Lawler	
91/3		US- 5,861,906	1-1999	Dunn	
91/3		US- 5,973,683	10-1999	Cragun	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	1*
		Country Code ² Number ³ Kind Code ⁴ (if known)	MM-DD-YYYY			

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		Art Unit	2161
		Examiner Name	Unknown
Sheet 3 of 7	Attorney Docket Number	BS01377	

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		Number-Kind Code ² (if known)			
gub		US- 6,005,597	12-1999	Barrett	
gub		US- 6,314,588	11-2001	Ochiai	
gub		US- 6,457,010	9-2002	Eldering	
gub		US- 2002/0143647	10-2002	Headings	
gub		US- 2002/0199197	12-2002	Winter	
gub		US- 5,543,911	7-1996	Levitan	
gub		US- 2003/0067554	4-2003	Klarfield	
gub		US- 6,202,210	3-2001	Ludtke	
gub		US- 5,630,119	5/13/1997	Aristides	
gub		US- 5,917,481	6/29/1999	Rzeszewski	
gub		US- 5,983,227	11/9/1999	Nazem	
gub		US- 5,038,211	8/6/1991	Hallenbeck	
gub		US- 5,559,548	9/24/1996	Davis	
gub		US- 6,463,585	10/2002	Hendricks	
gub		US- 6,505,348	1-2003	Knowles	
gub		US- 6,185,614	2/2001	Cuomo	
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ² -Number ³ -Kind Code ⁵ (if known)	MM-DD-YYYY			

Examiner Signature	<i>gub</i>	Date Considered	4/3/05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/020,779
		Filing Date	12/14/2001
		First Named Inventor	SWIX
		Group Art Unit	2161
		Examiner Name	
Sheet	4	of	87
		Attorney Docket Number	BS01377

U.S. PATENT DOCUMENTS						
Examiner Initials*	Case No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
90		US- 3,788,610		Bliss et al.	03-19-1974	
91A		US- 3,886,302		Kosco	05-27-1975	
91B		US- 4,130,833		Chomet	12-19-1978	
91C		US- 4,258,388		Cheung	03-24-1981	
91D		US- 4,381,851		Asip et al.	11-30-1982	
91E		US- 4,488,179		Kruger et al.	12-11-1984	
91F		US- 4,568,030		Nickerson et al.	01-21-1986	
91G		US- 4,587,561		Gray et al.	02-28-1988	
91H		US- 4,598,288		Yerabough et al.	07-01-1988	
91I		US- 4,888,248		Tomizawa	08-18-1987	
91J		US- 4,689,881		Barbieri et al.	08-25-1987	
91K		US- 4,697,209		Kierulff et al.	09-1987	
91L		US- 4,720,873		Goodman et al.	01-19-1988	
91M		US- 4,818,804		McKenna et al.	03-28-1989	
91N		US- 4,890,322		Russell, Jr.	12-26-1989	
91O		US- 4,912,652		Alfson, III, et al.	03-27-1990	
91P		US- 5,010,585		Garcia	04-23-1991	
91Q		US- 5,048,090		Walker et al.	08-03-1991	
91R		US- 5,048,092		Walker et al.	08-03-1991	
91S		US- 5,055,824		Skutta	10-08-1991	
91T		US- 5,173,900		Miller et al.	12-22-1992	
91U		US- 5,191, 645		Carlucci et al.	03-02-1993	
91V		US- 5,208,685		McCaffey et al.	05-04-1993	
91W		US-5,247,347		Litral et al.	09-21-1993	
91X		US- 5,248,044		VonKohorn	09-28-1993	
91Y		US- 5,251,324 A		McMullan	10-1993	
91Z		US- 5,287,181		Holman	02-15-1994	
92A		US- 5,335,277		Harvey et al.	08-02-94	
92B		US- 5,338,315		Maeda et al.	06-16-1994	
92C		US- 5,343,240		Yu	08-30-1994	
92D		US- 5,374,851		Walsh	12-20-1994	
92E		US- 5,397,278		Banker et al.	10-18-1994	
92F		US- 5,404,383		Remillard	04-04-1994	
92G		US- 5,410,328		Goldstein	04-1995	
92H		US- 5,448,919		Wilkins, Jeff K.	08-1995	
92I		US- 5,448,490		Blahut et al.	08-29-1996	
92J		US- 5, 500,681		Jones	03-1996	

Examiner Signature		Date Considered	11/3/05
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Substitute for form 1448A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 5 Of 7**Complete if Known**

Application Number	10/020,779
Filing Date	December 14, 2001
First Named Inventor	SWIX
Group Art Unit	2161
Examiner Name	
Attorney Docket Number	BS01377

U.S. PATENT DOCUMENTS					
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<i>SW</i>		US- 5,585,838	Lewter et al.	12-17-1998	
<i>SW</i>		US- 5,808,448	Smoral et al.	03-04-1997	
<i>SW</i>		US- 6,819,247 A	Russo	04-1997	
		US- 6,891,548	Carles, John E.	06-1997	<i>Duplicate submission</i>
<i>SW</i>		US- 6,898,670	Mady	10-08-1987	
<i>SW</i>		US- 6,724,828	Boyers II et al.	03-1988	
<i>SW</i>		US- 6,752,159	Fault et al.	05-1998	
		US- 6,758,257	Hers et al.	06-1998	<i>Duplicate submission</i>
		US- 6,774,170	Hills et al.	06-1998	<i>Duplicate submission</i>
<i>SW</i>		US- 6,778,182	Cathay et al.	07-07-1998	
		US- 6,849,498 B1	Hows et al.	10-09-1998	<i>Duplicate submission</i>
		US- 6,882,505 B1	Hows et al.	04-09-1999	<i>Duplicate submission</i>
<i>SW</i>		US- 6,016,344	Kelly et al.	01-18-2000	
		US- 6,070,084 B1	Cohen et al.	06-10-2000	<i>Duplicate submission</i>
<i>SW</i>		US- 6,134,531	Trenitt et al.	10-2000	
		US- 6,478,074 B1	Etheredge et al.	01-09-2001	<i>Duplicate submission</i>
		US- 6,202,846	Luthe	03-2001	<i>Duplicate submission</i>
		US- 6,232,586 B1	Emman et al.	08-25-2001	<i>Duplicate submission</i>
		US- 6,314,677 B1	Recock	11-09-2001	<i>Duplicate submission</i>
<i>SW</i>		US- 6,446,261 B1	Rosser	09-2002	
		US- 6,463,586	Hendricks et al.	10-2002	<i>Duplicate submission</i>
<i>SW</i>		US- 6,530,082 B1	Del Sesto et al.	03-2002	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
			EP 1162840 A2	Wilson et al.	12-2001	<i>Duplicate submission</i>

Examiner Signature	<i>John Van Horn</i>	Date Considered	<i>4/3/05</i>
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		First Named Inventor	SWIX
		Group Art Unit	2161
		Examiner Name	
Sheet	6	Of	87
		Attorney Docket Number	BS01377

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
gub		PCT Publication No. WO 94/17609 (Kiehl et al., 08-04-1994)	
gub		CAULEY, LESLIE, "Microsoft, Baby Bell Form Video Alliance," <i>The Wall Street Journal</i> , September 26, 1994.	
gub		U.S. Application No. 2002/0032906 A1 (Grossman, 03-2002)	
gub		U.S. Application No. 2002/0036600 A1 (Ulman et al., 03-2002)	
gub		U.S. Application No. 2002/0092019 A1 (Dwight, 07-11-2002)	
gub		U.S. Application No. 2002/0129628 A1 (Eldering et al., 08-2002)	
gub		U.S. Application No. 2002/0143847 A1 (Headings et al., 10-2002)	
gub		U.S. Application No. 2003/0048967 A1 (Kinzo et al., 09-13-2003)	
gub		U.S. Application No. 2003/0110487 A1 (Yasash et al., 06-2003)	
gub		International Search Report for PCT /US0240070 A1	

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Substitute for form 1449APTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet <u>7</u> of <u>7</u>	Complete If Known	
	Application Number	10/020,778
	Filing Date	12/14/2001
	First Named Inventor	SWIX
	Group Art Unit	2181
	Examiner Name	
	Attorney Docket Number	BS01377

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issu number(s), publisher, city and/or country where published.
9VB		"allNetDevices: - Report: Interactive TV Soon to Become Direct Marketing Tool," allNetDevices, www.devices.internet.com/com_cgi/print/print.cgi?url=http://devices.../report_interactive.htm, (11/16/01) pp. 1-2.
9VB		"Liberate Technologies - Solutions," Digital Cable Two-Way, www.solutions.liberate.com/architecture/dc2.html, (11/16/01) p. 1 of 1.
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9VB		"The Wink System," Wink System Diagram, www.wink.com/contents/tech_diagram.shtml, (11/16/01) p. 1 of 1.
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Examiner Signature	<i>gph Van der</i>	Date Considered	11/13/05
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

6

Complete If Known

Application Number

10/020,779

Filing Date

December 14, 2001

First Named Inventor

Swix

Group Art Unit

2161

Examiner Name

Unknown

Attorney Docket Number

BS01377

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
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Subm. 10/10/05**John A. Brown**11/3/05*

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 6

Complete if Known

Application Number	10/020,779
Filing Date	December 14, 2001
First Named Inventor	Swix
Group Art Unit	2161
Examiner Name	Unknown
Attorney Docket Number	BS01377

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/020,779	
			Filing Date	December 14, 2001	
			First Named Inventor	Swix	
			Group Art Unit	2161	
			Examiner Name	Unknown	
Sheet	3	of	6	Attorney Docket Number	BS01377

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		6,487,538	<input checked="" type="checkbox"/>	Gupta et al.	11-2002	
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		US-2002/0199197	<input checked="" type="checkbox"/>	Winter	12-2002	
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		Offi ce ³	Number ⁴	Kind Code ⁵ (if known)			
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 4 of 6

Complete if Known

Application Number	10/020,779
Filing Date	December 14, 2001
First Named Inventor	Swix
Group Art Unit	2161
Examiner Name	Unknown
Attorney Docket Number	BS01377

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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		PCT Publication No. WO 94/17609 (Kieff et al., 08-04-1994)	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 Of 6

Complete if Known

Application Number	10/020,779
Filing Date	December 14, 2001
First Named Inventor	Swix
Group Art Unit	2161
Examiner Name	Unknown
Attorney Docket Number	BS01377

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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		"What is Wink. Examples," What is Wink – Examples, www.wink.com/contents/examples.html, (11/16/01) pp. 1-2.	
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Date
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4/12/05

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **6** of **6**

Complete If Known

Application Number	10/020,779
Filing Date	December 14, 2001
First Named Inventor	Swix
Group Art Unit	2161
Examiner Name	Unknown
Attorney Docket Number	BS01377

U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
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<i>GLB</i>		2002/0157109		Nakano et al.	10-2002	

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